

ABSTRACT OF THE DISCLOSURE

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(1) A liquid crystal display element including a liquid crystal layer including liquid crystal contained between a pair of substrates and exhibiting a cholesteric phase,
5 wherein an orientation film is arranged on at least one of the paired substrates, and is in contact with the liquid crystal layer, and liquid crystal molecular orientation processing for portions of each orientation film corresponding to pixel regions are effected in a manner
10 different from that effected on at least a portion of a portion corresponding to non-pixel region of the orientation film on at least one of the substrates.

(2) A liquid crystal light modulation element including a liquid crystal layer held between a pair of
15 substrate and including a liquid crystal material exhibiting a cholesteric phase in a room temperature and having a peak of a selective reflection wavelength in a visible wavelength range, wherein the liquid crystal layer in the selective reflection state has pixel regions
20 neighboring to the opposite substrates, respectively, and liquid crystal domains in the pixel regions neighboring to at least one of the substrates are in a mixed state of a polydomain state and a monodomain state.